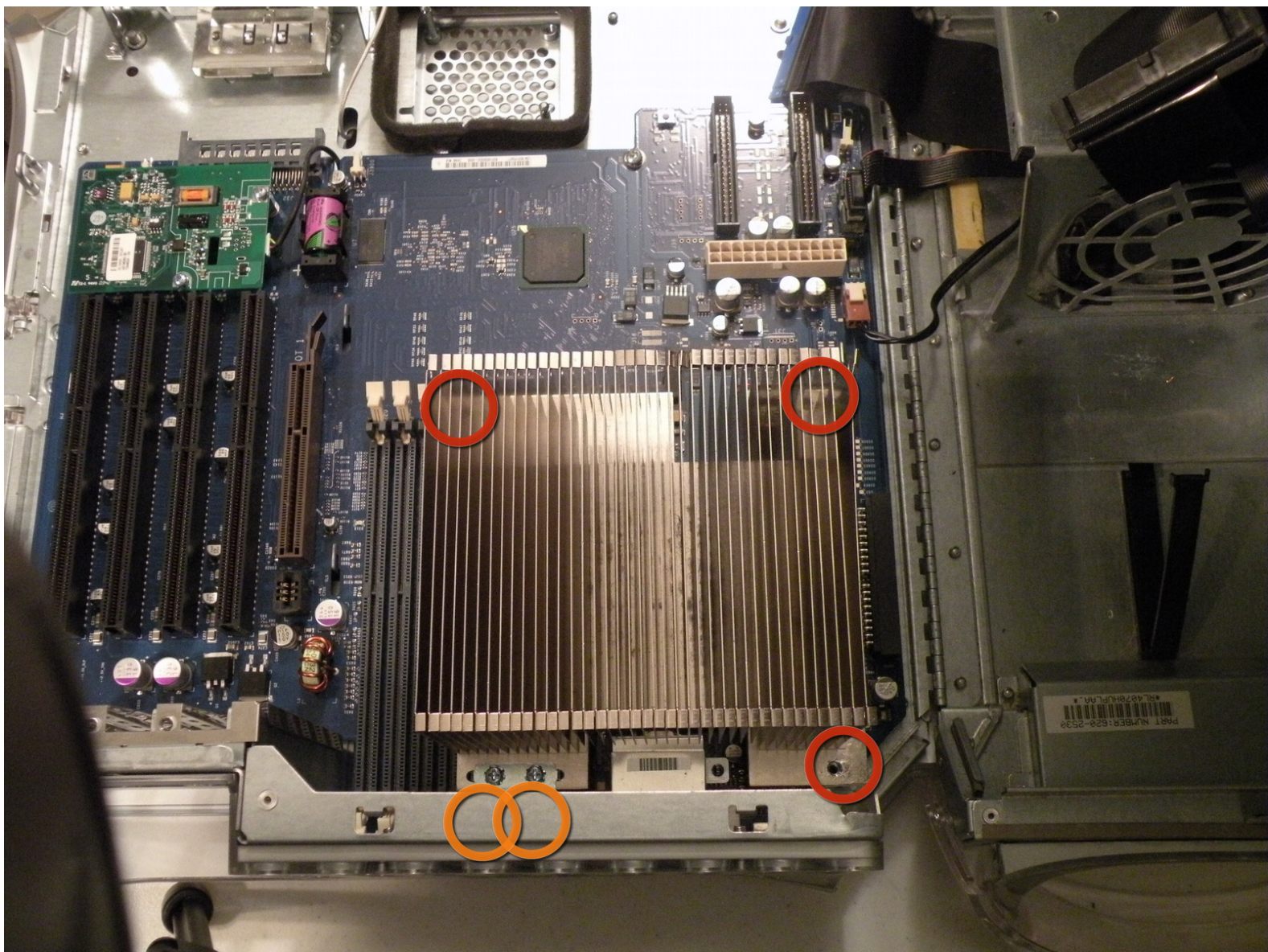




# Power Mac G4 MDD CPU Heatsink Replacement

Written By: Chris Green



## INTRODUCTION

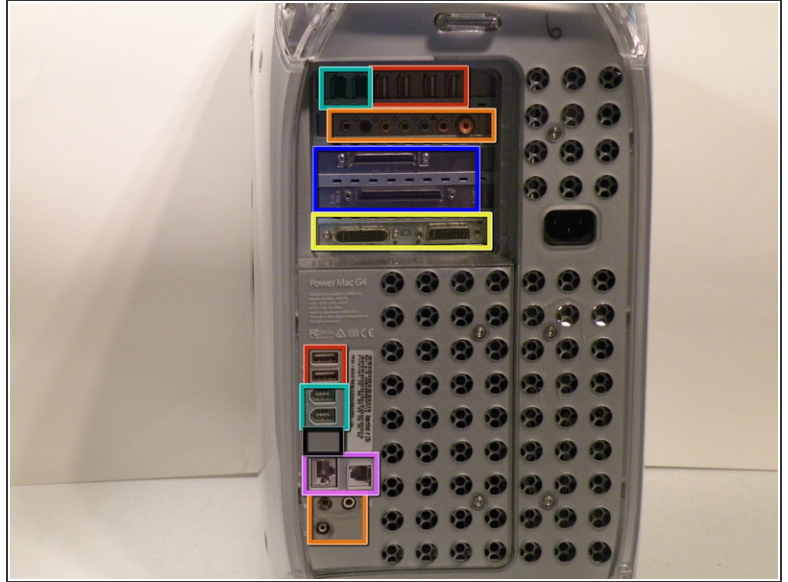
The Power Mac G4 MDD had various heatsinks based of the processor, it had a pure copper heatsink for the dual 1.42Ghz model, and a thick finned heatsink for earlier models, and the later models had a thin aluminum finned heatsink.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
-

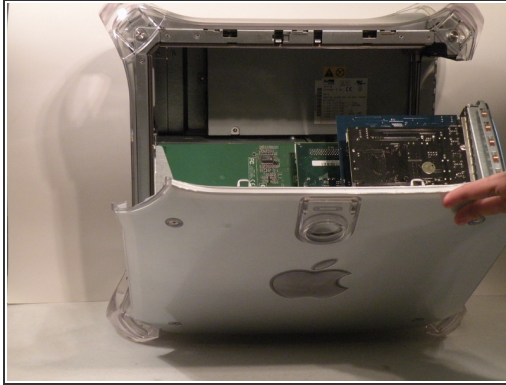
## Step 1 — Case



- The Power Mac G4 MDD: the last, and the fastest G4-based Mac. This computer boasted up to a Dual 1.42GHz PowerPC G4 CPU (though I have a single 1.25GHz).
- Six USB ports.
- Four FireWire ports.
- Assorted SCSI (SCSI50/SCSI68)
- Assorted Audio
- Video (ADC & DVI)
- Networking (RJ-45 Ethernet/56k Modem)
- Some later model MDD's (such as the dual 1.42GHz) Have a FireWire 800 Port Here:

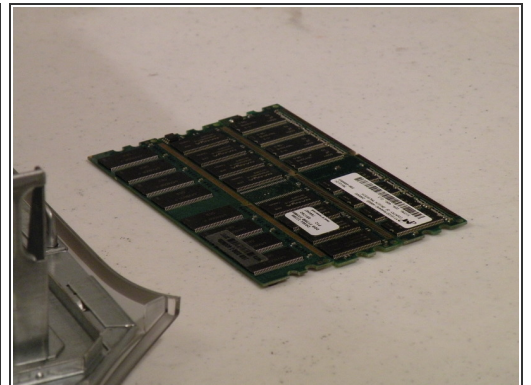
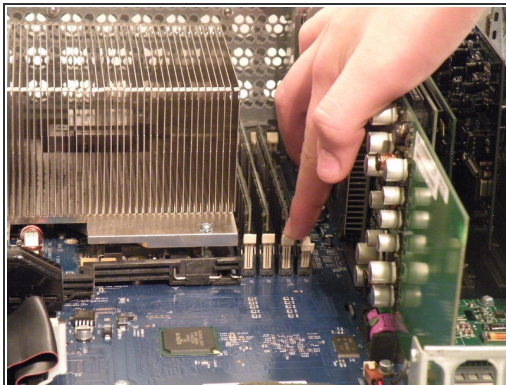
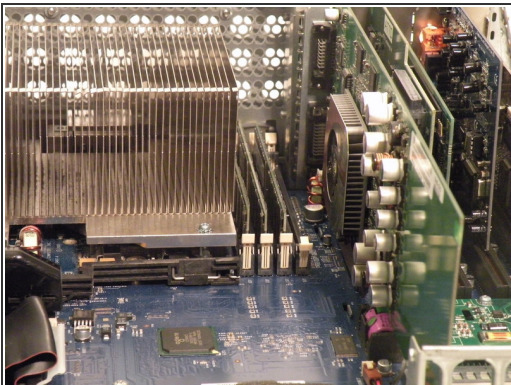


## Step 2



- Pull on the side lever and lower the side of the case.

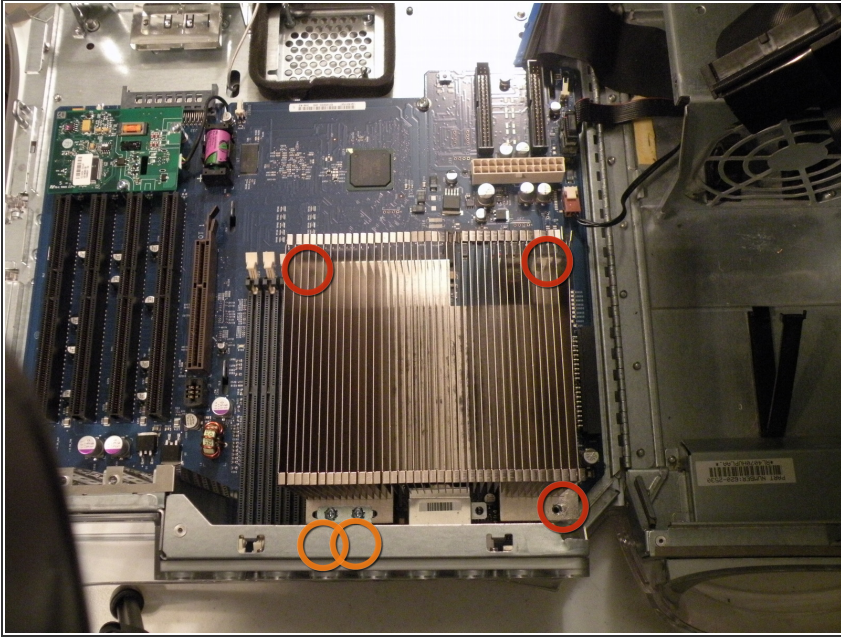
## Step 3 — RAM



- The ram is between the graphics card, and the CPU, and removal is simple. Push the tabs down on both sides, this will free the ram, then lift it out.
- The MDD Uses A Maximum of 2GB PC2700 DDR,(512MB X4) and had 4 slots for ram.

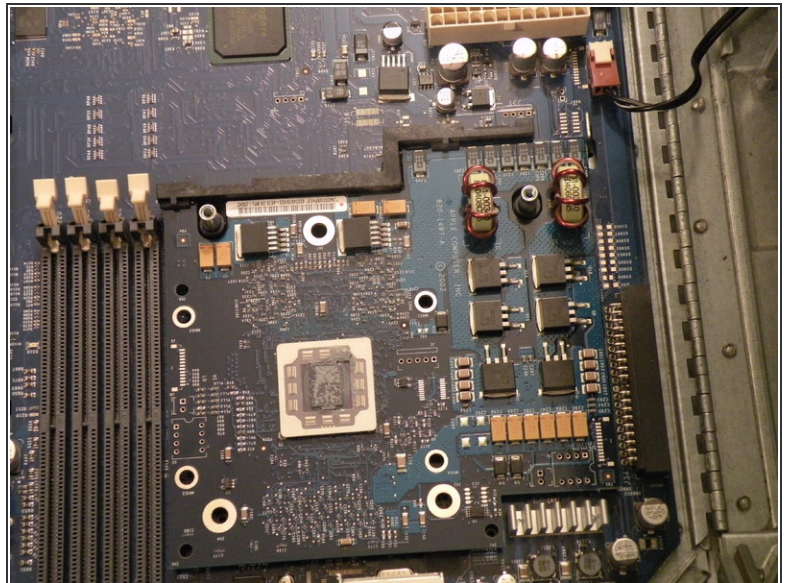
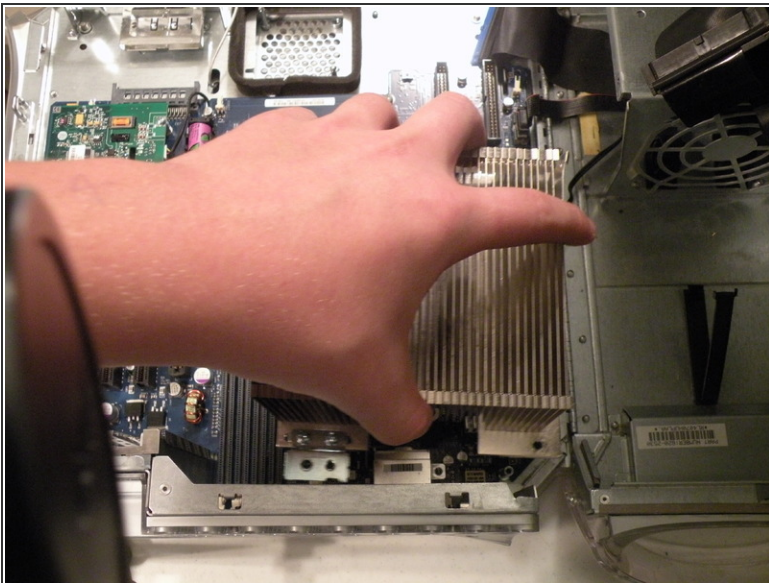


## Step 4 — CPU Heatsink



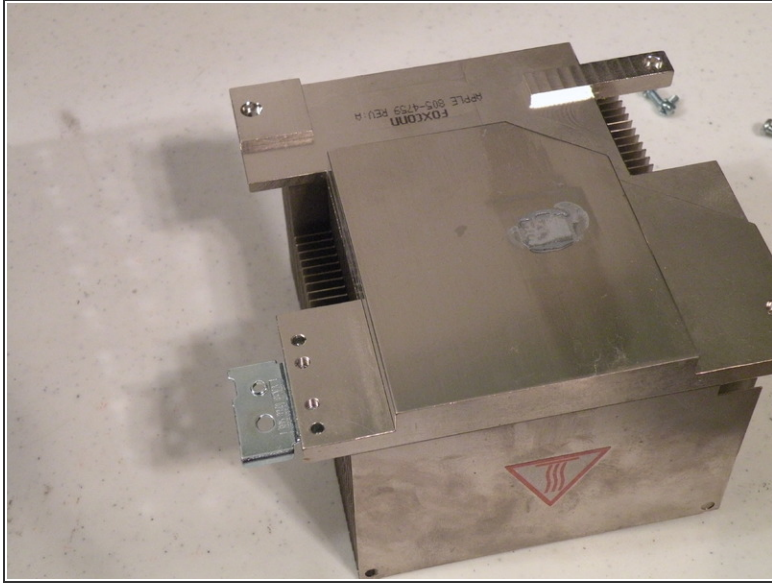
- Now, remove these three Phillips screws:
- As there are two Phillips screws well, there are two that you can see in the photo, but you want to remove the screws that are behind them.

## Step 5



- Now, lift the heatsink up off the computer, it is pretty heavy, because it's a giant block of aluminum.
- ⚠ Be careful when holding it, the edges can be sharp, making it likely to get cut if you hold it wrong!
- As you may be able to tell, i have applied a replacement coat of Arctic Silver 5 to keep my MDD cooler than the stock paste, it really does a great job too!

## Step 6



- The incredibly large heatsink, this thing is 5 Lbs of solid aluminum. Just like every other part in this, and many other Macs, the heatsink is made by: ...you guessed it, Foxconn.

To reassemble your device, follow these instructions in reverse order.

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